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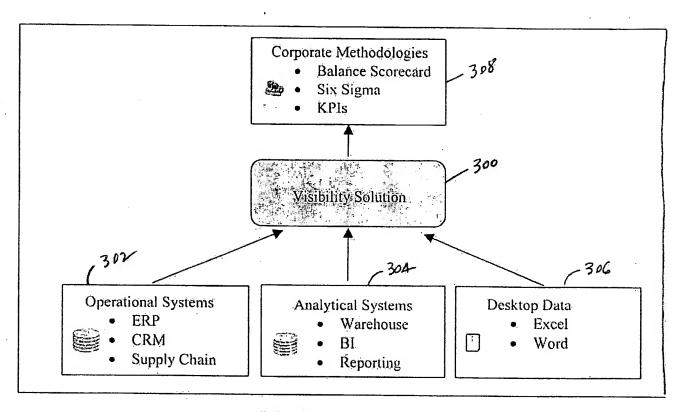
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FIGURE

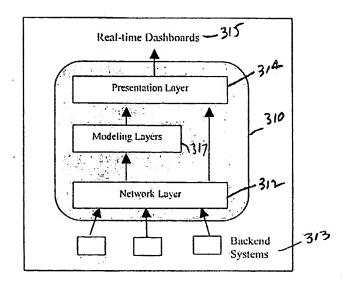


FIGURE 2

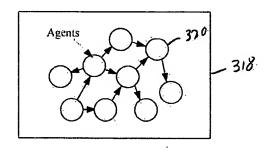


FIGURE 3

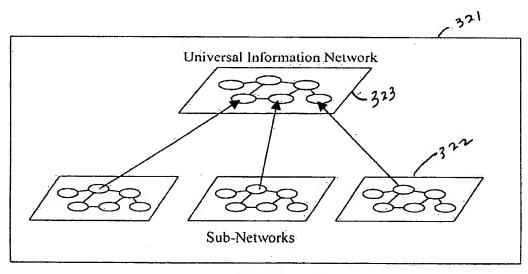


FIGURE 4

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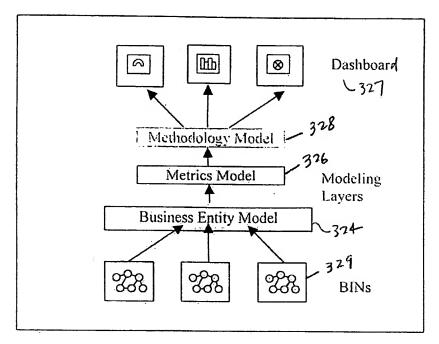


FIGURE 5

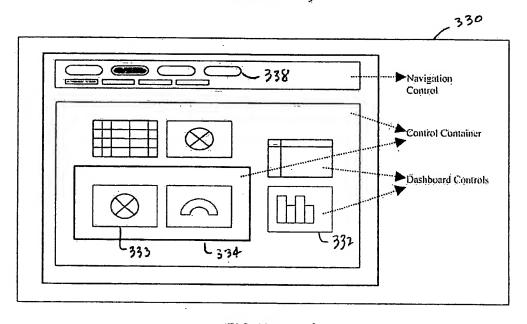
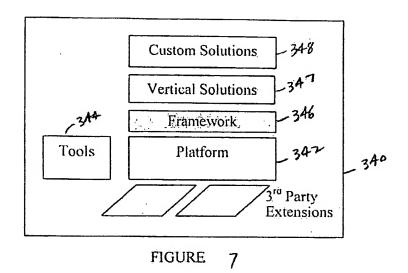


FIGURE 6



370 Designer Framework Dashboard Framework 368 Designer Studio Presentation Services Business Services Common 364 BIN Services Threshold Alert Services 362 Monitor' Notify Framework Message BIN 359 Service Runtime Metrics Alert Analytics Security Model BÌŃ Service Memt. Hyper Inventory Log Notify BIN Cube Service Admin. 310 Service Framework Container Registry Monitor Session

FIGURE 8

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Category	Description	Services / Subsystems	Dependencies
Infrastructure	Set of services that provide	Container	- P
	the Service Framework.	Registry	
	Every service complies with	Monitor	
	the service framework.	Session	
Common	Used by all other services	Message	Common
	for all common application	Security	
	logic.	Log	
		Cache	
Base	Base level independent	HyperCube	Common
	Services.	Inventory	
		Notify	
BIN	Set of services that provide	BIN Runtime	Common
	BIN (Business Information	BIN Management	
	Network) framework.	BIN Admin	
		BIN Publisher	
	Application-level Services	Metrics Model	Common
	that uses Base Services.	Alert	Base
Application	Modular services that do not	Assembly	,
	directly address business	Analytics	
	requirements.		
	Set of services that address	Threshold Monitor	Common
Business	business requirements. Uses	Alert Notify	Base
	other services to provide		BIN
	integrated functionalities.		Application
			Business
Presentation	Services that manage and	Presentation Runtime	Common
	render dashboards.	Presentation	BIN
		Management	Base
			Application
			Business
Designer	Provides Framework for	Dashboard Designer	Common
	CXO Studio.	Network Builder	BIN
		Metrics Modeler	Base
		User Manger	Application
·		Alerts Manger	Business

FIGURE

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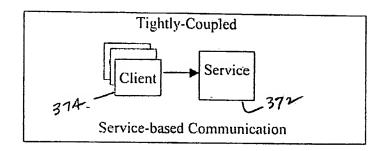


FIGURE 10

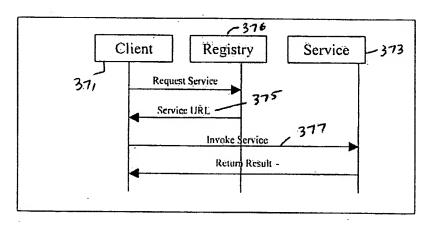


FIGURE (

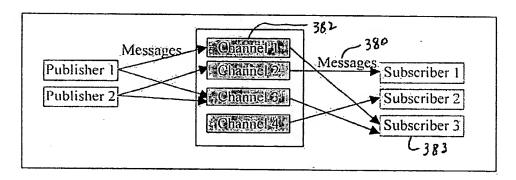
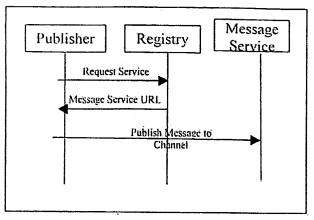


FIGURE 12

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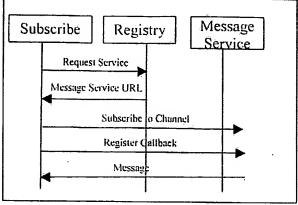


FIGURE 13

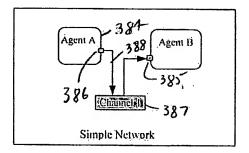


FIGURE 14

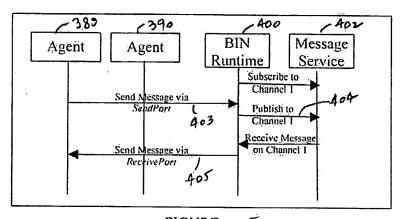


FIGURE 15

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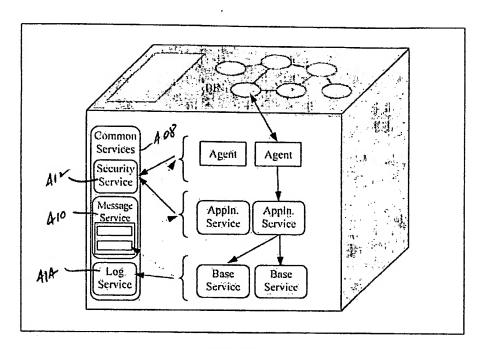


FIGURE (

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Category	Services	Can Access
Cutegory	Container	None
	Registry	None
Infrastructure	Monitor	
	Session	
	Message	Common Services
Common	Security	Message
	Log	Security
	Fl. C. I	Log
Base	HyperCube	Common Services
	Inventory	Message
	Notify	Security
	DDID .:	Log
DDI	BIN Runtime	Common Services
BIN	BIN Management	Message
	BIN Admin	Security
	BIN Publisher	Log
	Metrics Model	Common Services
	Alert	Message
	Assembly	Security
Application	Analytics	Log
		Base
		HyperCube
		Inventory
		Notify
	Presentation Runtime	Common
	Presentation	Message
	Management	Security
		Log
		Base
		HyperCube
Presentation		Inventory
		Notify
		Application
		Metrics Model
	·	Alert
		Assembly
		Analytics
	Dashboard Designer	All Services
	Network Builder	
Designer	Metrics Modeler	
	User Manger	·
	Alerts Manger	

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Service	Channel Name	Message Type	Description
Log	System.Log	LogMessage	Log Information is published in this channel by any client.
Security	System.Security	UserMessage	Security Service publishes Messages when Users are added or dropped in the system. Other services can use this channel for synchronizing their internal state.

FIGURE 18

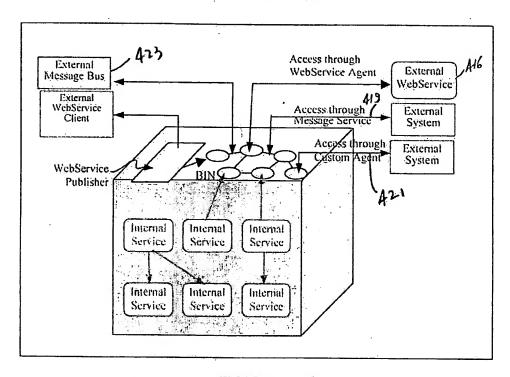


FIGURE 19

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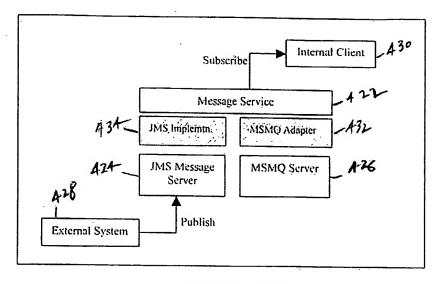


FIGURE 20

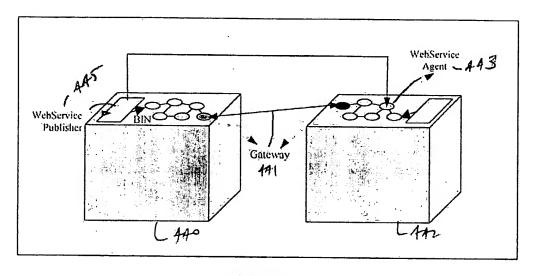


FIGURE 21

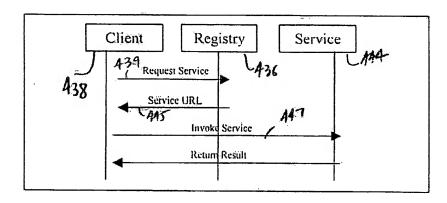


FIGURE 12

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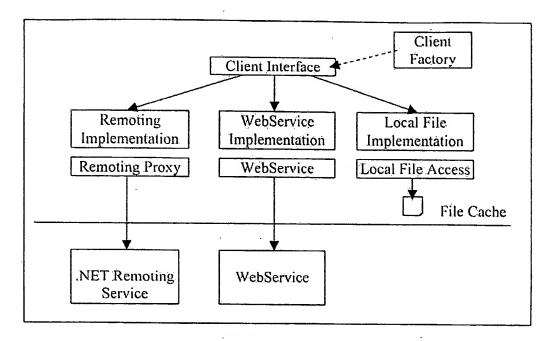


FIGURE 23

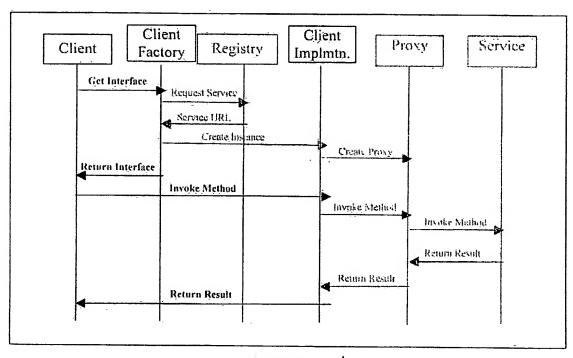


FIGURE 74

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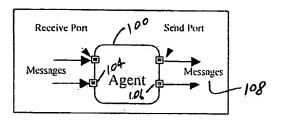


FIGURE 25

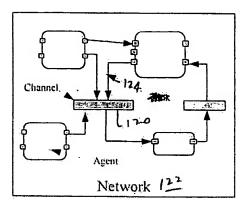
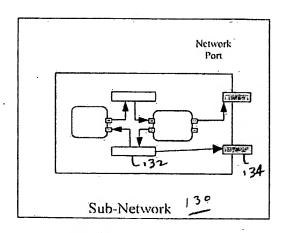


FIGURE 26



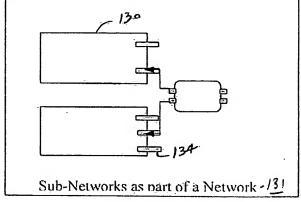


FIGURE 27

FIGURE 28

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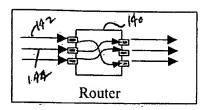


FIGURE 29

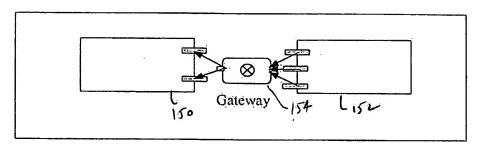


FIGURE 30

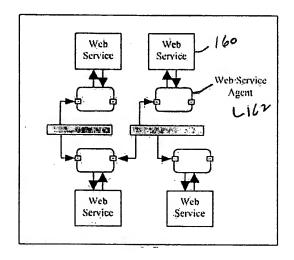


FIGURE 31

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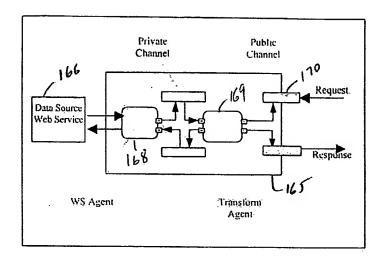


FIGURE 32

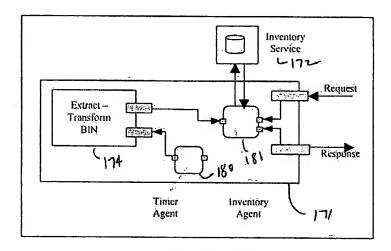


FIGURE 33

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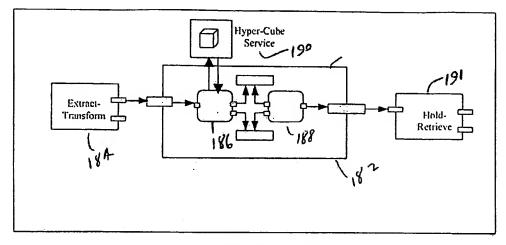


FIGURE 34

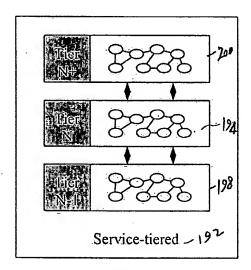


FIGURE 35

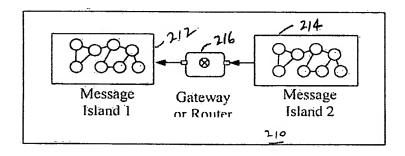


FIGURE 36

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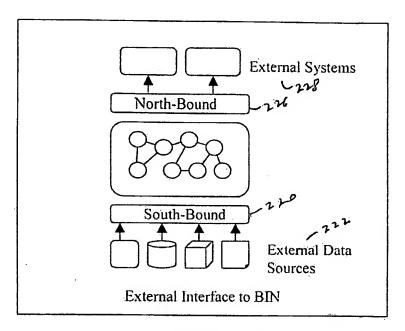
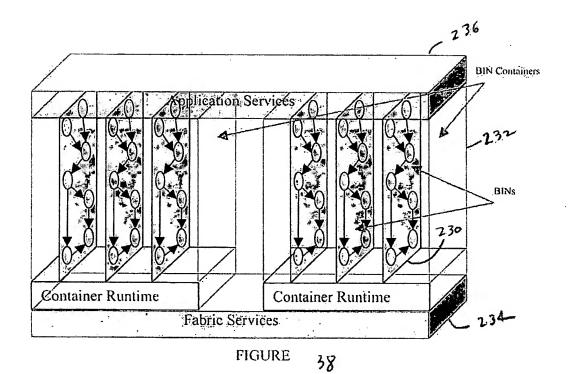


FIGURE 37



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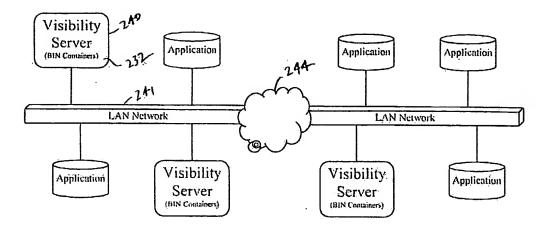


FIGURE 39

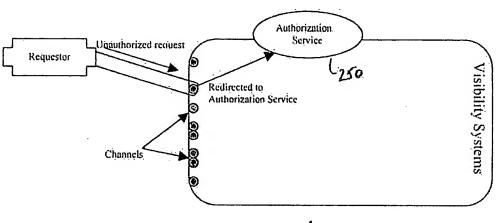
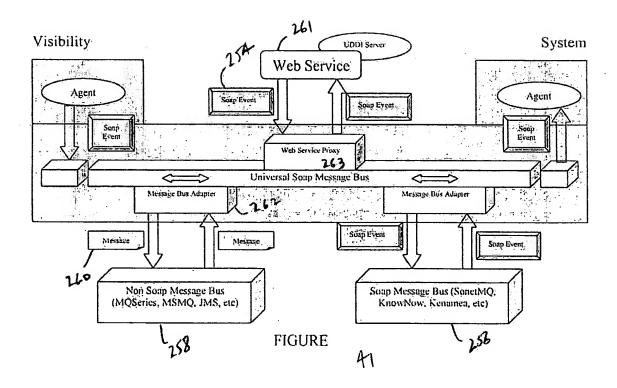


FIGURE 40



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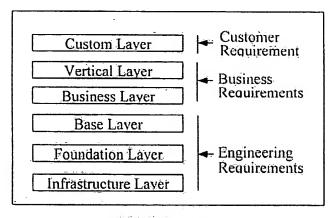
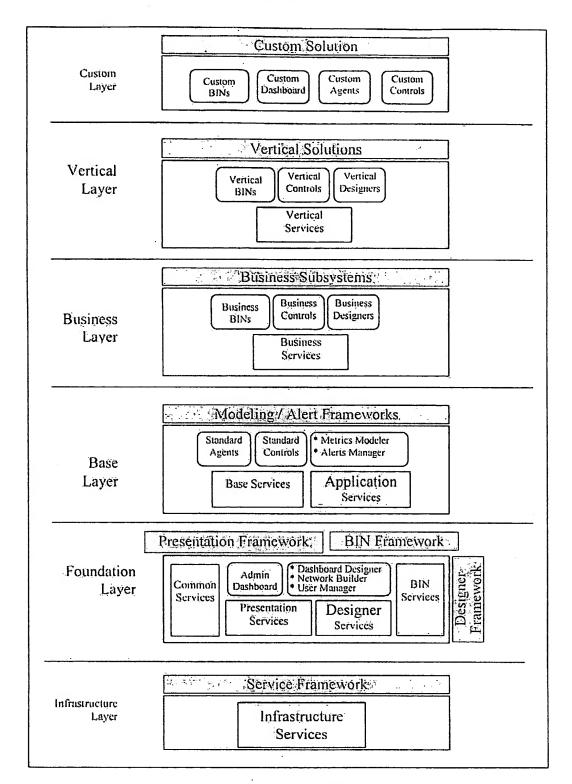


FIGURE AV

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FIGURE

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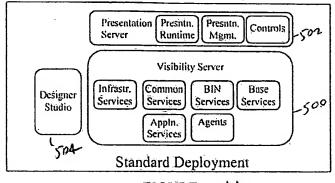


FIGURE 44

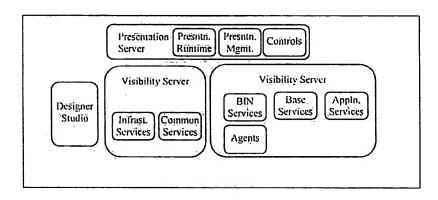


FIGURE 47

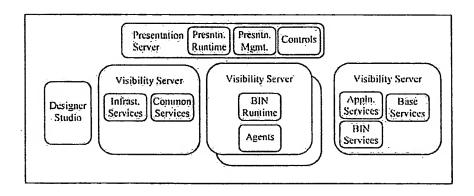
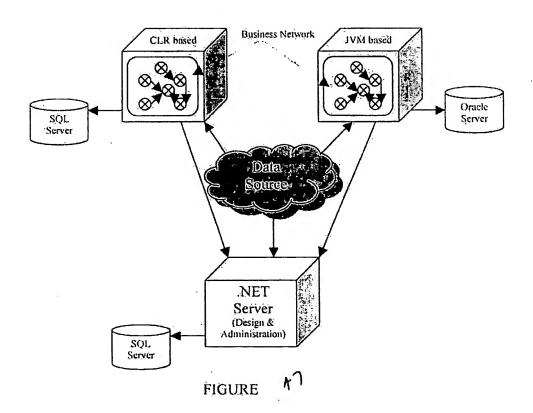


FIGURE A6



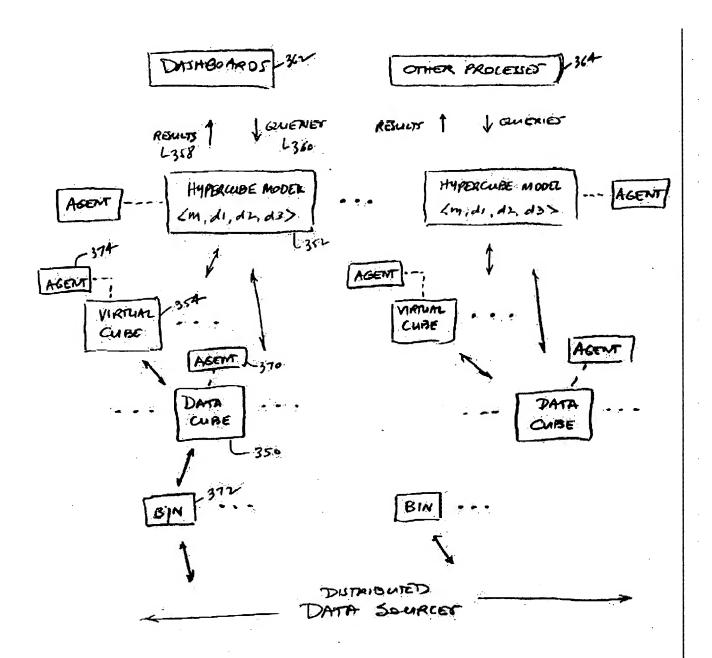


FIGURE 48